

**SMA Female to SSMC Male Cable RG-316 Coax in 24 Inch**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
VSWR			1.35:1	
Velocity of Propagation		70		%
Capacitance		32 [104.99]		pF/ft [pF/m]

**Mechanical Specifications**

**Cable Assembly**

Length	24 in [609.6 mm]
Weight	0.0044 lbs [2 g]

**Cable**

Cable Type	RG-316
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Tape
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.098 in [2.49 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	SMA Female	SSMC Male
Impedance	50 Ohms	50 Ohms
Mating Cycles		500
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	50µ in. minimum	MIL-G-45204
Dielectric Type	PTFE	PTFE
Coupling Nut Material & Plating		Brass, Gold
Hex Size	1/4 inch	5/32 inch
Body Material & Plating	Brass, Gold	Beryllium Copper, Gold
Body Plating Spec.	3µ in. minimum	

**Environmental Specifications**

**Temperature**

Operating Range	-65 to +165 deg C
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**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

**Plotted and Other Data**

Notes:

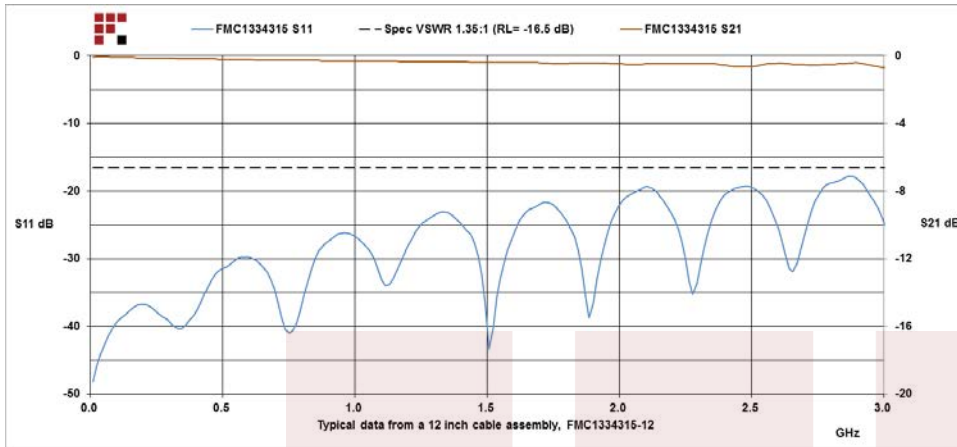


**Configuration:**

- SMA Female
- SSMC Male
- RG-316

Fairview Microwave  
 1130 Junction Dr. #100  
 Allen, TX 75013  
 Tel: 1-800-715-4396 / (972) 649-6678  
 Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC1334315 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

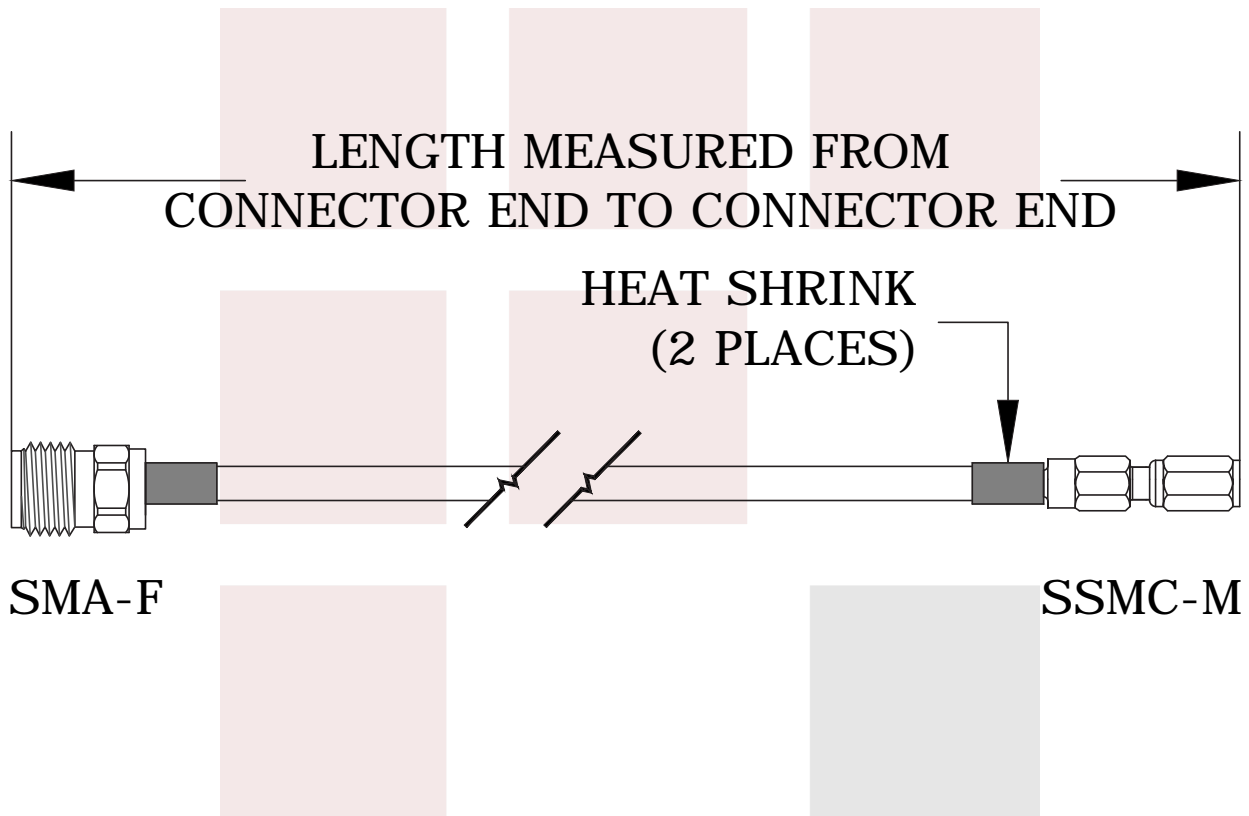
Example: FMC1334315-12 = 12 inches long cable  
 FMC1334315-100cm = 100 cm long cable

SMA Female to SSMC Male Cable RG-316 Coax in 24 Inch from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [SMA Female to SSMC Male Cable RG-316 Coax in 24 Inch FMC1334315-24](#)

URL: <http://www.fairviewmicrowave.com/sma-female-ssmc-male-cable-rg316-coax-fmc1334315-24-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



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TITLE SMA Female to SSMC Male Cable RG-316 Coax in 24 Inch		DWG NO FMC1334315		CAGE CODE 3FKR5	
CAD FILE	101414	SHEET	SCALE	N/A	SIZE A 5568